

# Notarized Summary of Alternative Heat Treatment, Method 7, and Test Results Form

(APHIS Approval Number: VA-RA0-0099)

This serves to inform officials of the United States Department of Agriculture's Animal and Plant Health Inspection Service that Raunchy Rendering  
(facility's name), located at 564 Smelly Road; Richmond, VA 22555

(facility's street address, including City, State, and Zip Code), processes animal origin material using the below noted parameters qualifying for Method 7:

*If multiple processing methods are used, a separate "Notarized Summary of Alternative Heat Treatment, Method 7, and Test Results Form" must be completed for each method. Each form should specify which products are produced utilizing this method*

**Processing Method Table**

Type System (Select <b>one</b> ):			BATCH	
		X	CONTINUOUS	
Processing parameter		Critical Limit (for example maximum particle size)		Critical Control Point (where the measurement is taken)
Particle size (Mandatory)		Maximum size 40 mm		Breaker outflow
Temperature (Mandatory)		100°C		Cooker (minimum temperature reached prior to starting time)
Absolute time (as appropriate)		120 minutes		Time in cooker at 100°C or more
Pressure (as appropriate)		N/A		N/A
Raw material feed-rate (as appropriate)		N/A		N/A
Fat recycling rate (as appropriate)		N/A		N/A
Microbial Testing	Salmonella	n = 5, c = 0, m = 0, M = 0 * (sample size 25 g)		Storage warehouse
	Enterobacteriaceae	n = 5, c = 2, m = 10, M = 300 * (sample size 1 g)		Storage warehouse

**Product produced using this method on 30 consecutive production dates has been tested for *Clostridium perfringens*, Salmonella, and Enterobacteriaceae under the following guidelines, with the below referenced results.**

## Details of the Laboratory Conducting the Microbiological Testing

1. Laboratory Approval:

a. Approving/accrediting agency: Raunchy Rendering

b. Number: VA-RA0-0099

2. Laboratory name: Raunchy Rendering

3. Street address: 564 Smelly Road  
Richmond, VA 22555

4. Mailing address: 564 Smelly Road  
Richmond, VA 22555

5. Name of laboratory contact: Dr. Rita Raunch, PhD

6. Telephone number of laboratory contact: 555-555-5556

7. Facsimile number of laboratory contact: 555-555-5557

## Summary of Laboratory Results

### ***Clostridium perfringens* Testing**

Please fill in the table below with the results of laboratory tests for 30 consecutive days of microbiological testing for *Clostridium perfringens*. Please note, for APHIS to approve this facility for export of product to the EU, results must show no detections of *Clostridium perfringens*, in 1 gram samples, for 30 consecutive operating days. Samples must be taken directly after heat treatment.

Day	Date	Result	Day	Date	Result	Day	Date	Result
1	1-31-05	Neg	11	2-10-05	Neg	21	2-20-05	Neg
2	2-1-05	Neg	12	2-11-05	Neg	22	2-21-05	Neg
3	2-2-05	Neg	13	2-12-05	Neg	23	2-22-05	Neg
4	2-3-05	Neg	14	2-13-05	Neg	24	2-23-05	Neg
5	2-4-05	Neg	15	2-14-05	Neg	25	2-24-05	Neg
6	2-5-05	Neg	16	2-15-05	Neg	26	2-25-05	Neg
7	2-6-05	Neg	17	2-16-05	Neg	27	2-26-05	Neg
8	2-7-05	Neg	18	2-17-05	Neg	28	2-27-05	Neg
9	2-8-05	Neg	19	2-18-05	Neg	29	2-28-05	Neg
10	2-9-05	Neg	20	2-19-05	Neg	30	3-1-05	neg

## Salmonella Testing

### Information on the table below must match information on laboratory test reports

Please fill in the table below with the results of laboratory tests for 30 consecutive days of microbiological testing for Salmonella. Please note, for APHIS to approve this facility for export of product to the EU, results must show the absence of Salmonella in 25 g (where: n = 5, c = 0, m = 0, M = 0)\* for 30 consecutive operating days. Samples must be taken during or upon withdrawal from storage at the processing facility.

Day	Date	Sample ID	Result	Day	Date	Sample ID	Result	Day	Date	Sample ID	Result
1	1-31-05	1-31-05A	No growth	11	2-10-05	2-10-05A	0	21	2-20-05	2-20-05A	0
		1-31-05B	No growth			2-10-05B	0			2-20-05B	0
		1-31-05C	No growth			2-10-05C	0			2-20-05C	0
		1-31-05D	No growth			2-10-05D	0			2-20-05D	0
		1-31-05E	No growth			2-10-05E	0			2-20-05E	0
2	2-1-05	2-1-05A	No growth	12	2-11-05	2-11-05A	0	22	2-21-05	2-21-05A	0
		2-1-05B	No growth			2-11-05B	0			2-21-05B	0
		2-1-05C	No growth			2-11-05C	0			2-21-05C	0
		2-1-05D	No growth			2-11-05D	0			2-21-05D	0
		2-1-05E	No growth			2-11-05E	0			2-21-05E	0
3	2-2-05	2-2-05A	Neg	13	2-12-05	2-12-05A	0	23	2-22-05	2-22-05A	0
		2-2-05B	Neg			2-12-05B	0			2-22-05B	0
		2-2-05C	Neg			2-12-05C	0			2-22-05C	0
		2-2-05D	Neg			2-12-05D	0			2-22-05D	0
		2-2-05E	Neg			2-12-05E	0			2-22-05E	0
4	2-3-05	2-3-05A	Neg	14	2-13-05	2-13-05A	0	24	2-23-05	2-23-05A	No cfu
		2-3-05B	Neg			2-13-05B	0			2-23-05B	No cfu
		2-3-05C	Neg			2-13-05C	0			2-23-05C	No cfu
		2-3-05D	Neg			2-13-05D	0			2-23-05D	No cfu
		2-3-05E	Neg			2-13-05E	0			2-23-05E	No cfu
5	2-4-05	2-4-05A	No growth	15	2-14-05	2-14-05A	0	25	2-24-05	2-24-05A	No cfu
		2-4-05B	No growth			2-14-05B	0			2-24-05B	No cfu
		2-4-05C	No growth			2-14-05C	0			2-24-05C	No cfu
		2-4-05D	No growth			2-14-05D	0			2-24-05D	No cfu
		2-4-05E	No growth			2-14-05E	0			2-24-05E	No cfu
6	2-5-05	2-5-05A	No growth	16	2-15-05	2-15-05A	0	26	2-25-05	2-25-05A	No cfu
		2-5-05B	No growth			2-15-05B	0			2-25-05B	No cfu
		2-5-05C	No growth			2-15-05C	0			2-25-05C	No cfu
		2-5-05D	No growth			2-15-05D	0			2-25-05D	No cfu
		2-5-05E	No growth			2-15-05E	0			2-25-05E	No cfu
7	2-6-05	2-6-05A	Neg	17	2-16-05	2-16-05A	0	27	2-26-05	2-26-05A	No cfu
		2-6-05B	Neg			2-16-05B	0			2-26-05B	No cfu
		2-6-05C	Neg			2-16-05C	0			2-26-05C	No cfu
		2-6-05D	Neg			2-16-05D	0			2-26-05D	No cfu
		2-6-05E	Neg			2-16-05E	0			2-26-05E	No cfu
8	2-7-05	2-7-05A	Neg	18	2-17-05	2-17-05A	0	28	2-27-05	2-27-05A	No cfu
		2-7-05B	Neg			2-17-05B	0			2-27-05B	No cfu
		2-7-05C	Neg			2-17-05C	0			2-27-05C	No cfu
		2-7-05D	Neg			2-17-05D	0			2-27-05D	No cfu
		2-7-05E	Neg			2-17-05E	0			2-27-05E	No cfu
9	2-8-05	2-8-05A	Neg	19	2-18-05	2-18-05A	0	29	2-28-05	2-28-05A	No cfu
		2-8-05B	Neg			2-18-05B	0			2-28-05B	No cfu
		2-8-05C	Neg			2-18-05C	0			2-28-05C	No cfu
		2-8-05D	Neg			2-18-05D	0			2-28-05D	No cfu
		2-8-05E	Neg			2-18-05E	0			2-28-05E	No cfu
10	2-9-05	2-9-05A	Neg	20	2-19-05	2-19-05A	0	30	3-1-05	3-1-05A	No cfu
		2-9-05B	Neg			2-19-05B	0			3-1-05B	No cfu
		2-9-05C	Neg			2-19-05C	0			3-1-05C	No cfu
		2-9-05D	Neg			2-19-05D	0			3-1-05D	No cfu
		2-9-05E	Neg			2-19-05E	0			3-1-05E	No cfu

## Enterobacteriaceae Testing

### Information on the table below must match information on laboratory test reports

Please fill in the table below with the results of laboratory tests for 30 consecutive days of microbiological testing for Enterobacteriaceae. Please note, for APHIS to approve this facility for export of product to the EU, results must show Enterobacteriaceae results meeting the following parameters:  $n = 5$ ,  $c = 2$ ,  $m = 10$ ,  $M = 300$  in 1 gram\*, for 30 consecutive operating days. Samples must be taken during or upon withdrawal from storage at the processing facility.

Day	Date	Sample ID	Result	Day	Date	Sample ID	Result	Day	Date	Sample ID	Result
1	1-31-05	1-31-05A	0	11	2-10-05	2-10-05A	0	21	2-20-05	2-20-05A	299 cfu/g
		1-31-05B	0			2-10-05B	0			2-20-05B	289cfu/g
		1-31-05C	0			2-10-05C	0			2-20-05C	10 cfu/g
		1-31-05D	0			2-10-05D	0			2-20-05D	0
		1-31-05E	0			2-10-05E	0			2-20-05E	0
2	2-1-05	2-1-05A	10cfu/g	12	2-11-05	2-11-05A	0	22	2-21-05	2-21-05A	0
		2-1-05B	10cfu/g			2-11-05B	0			2-21-05B	0
		2-1-05C	10 cfu/g			2-11-05C	0			2-21-05C	0
		2-1-05D	0			2-11-05D	0			2-21-05D	0
		2-1-05E	0			2-11-05E	0			2-21-05E	0
3	2-2-05	2-2-05A		13	2-12-05	2-12-05A	10 cfu/g	23	2-22-05	2-22-05A	0
		2-2-05B				2-12-05B	10 cfu/g			2-22-05B	0
		2-2-05C				2-12-05C	10 cfu/g			2-22-05C	0
		2-2-05D				2-12-05D	110 cfu/g			2-22-05D	0
		2-2-05E				2-12-05E	200cfu/g			2-22-05E	0
4	2-3-05	2-3-05A		14	2-13-05	2-13-05A	0	24	2-23-05	2-23-05A	0
		2-3-05B				2-13-05B	0			2-23-05B	0
		2-3-05C				2-13-05C	0			2-23-05C	0
		2-3-05D				2-13-05D	0			2-23-05D	0
		2-3-05E				2-13-05E	0			2-23-05E	0
5	2-4-05	2-4-05A	0	15	2-14-05	2-14-05A	0	25	2-24-05	2-24-05A	0
		2-4-05B	0			2-14-05B	0			2-24-05B	0
		2-4-05C	0			2-14-05C	0			2-24-05C	0
		2-4-05D	0			2-14-05D	0			2-24-05D	0
		2-4-05E	0			2-14-05E	0			2-24-05E	0
6	2-5-05	2-5-05A	0	16	2-15-05	2-15-05A	0	26	2-25-05	2-25-05A	0
		2-5-05B	0			2-15-05B	0			2-25-05B	0
		2-5-05C	0			2-15-05C	0			2-25-05C	0
		2-5-05D	0			2-15-05D	0			2-25-05D	0
		2-5-05E	0			2-15-05E	0			2-25-05E	0
7	2-6-05	2-6-05A	0	17	2-16-05	2-16-05A	0	27	2-26-05	2-26-05A	0
		2-6-05B	299 cfu/g			2-16-05B	0			2-26-05B	0
		2-6-05C	20 cfu/g			2-16-05C	0			2-26-05C	0
		2-6-05D	5 cfu/g			2-16-05D	0			2-26-05D	0
		2-6-05E	4 cfu/g			2-16-05E	0			2-26-05E	0
8	2-7-05	2-7-05A	0	18	2-17-05	2-17-05A	0	28	2-27-05	2-27-05A	0
		2-7-05B	50 cfu/g			2-17-05B	0			2-27-05B	0
		2-7-05C	200 cfu/g			2-17-05C	0			2-27-05C	0
		2-7-05D	0			2-17-05D	0			2-27-05D	0
		2-7-05E	0			2-17-05E	0			2-27-05E	0
9	2-8-05	2-8-05A	0	19	2-18-05	2-18-05A	0	29	2-28-05	2-28-05A	0
		2-8-05B	0			2-18-05B	0			2-28-05B	0
		2-8-05C	0			2-18-05C	0			2-28-05C	0
		2-8-05D	0			2-18-05D	0			2-28-05D	0
		2-8-05E	0			2-18-05E	0			2-28-05E	0
10	2-9-05	2-9-05A	100 cfu/g	20	2-19-05	2-19-05A	0	30	3-1-05	3-1-05A	0
		2-9-05B	200 cfu/g			2-19-05B	0			3-1-05B	0
		2-9-05C	0			2-19-05C	0			3-1-05C	0
		2-9-05D	0			2-19-05D	0			3-1-05D	0
		2-9-05E	0			2-19-05E	0			3-1-05E	0

- \* n = number of samples to be tested  
m = threshold value for the number of bacteria: the result is considered satisfactory if the number of bacteria in all samples does not exceed m;  
M = maximum value for the number of bacteria; the result is considered unsatisfactory if the number of bacteria in one or more samples is M or more;  
and  
c = number of samples the bacterial count of which may be between m and M, the sample still being considered acceptable if the bacterial count of the other samples is m or less

cfu = colony forming units R.R.

Attached are laboratory reports verifying the above results (required for initial validation of processing method.)

**I certify that the statements listed above are true to the best of my knowledge and belief.**

Signed by: Ralph Raunch Date: 2-15-06

Printed name of signing official: Ralph Raunch

Position of signing official: President

Company name: Raunchy Rendering

Notary signature and seal: John Q. Public

